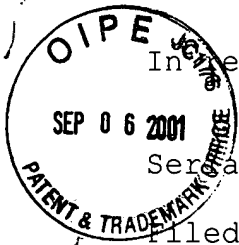


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Inventor Application of: Lin

Group/Art Unit: 1646

Serial No.: 09/535,814

Examiner: M. Brannock

Filed: March 28, 2000

#6  
MB  
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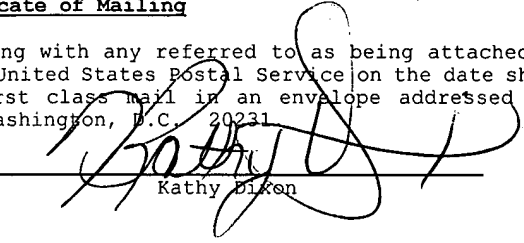
For: Method For Fabricating An Olfactory  
Receptor-Based Biosensor

Attorney Docket No.: 64,600-024CIP

Certificate of Mailing

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

Date: August 31, 2001

  
Kathy Biken

**SUBMISSION OF SEQUENCE LISTING**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

Enclosed herewith is a paper copy of the sequence listing further to the request dated July 5, 2001. Also enclosed is a copy of the sequence listing in computer readable form. Both the content of the paper and the computer readable copy are the same and include no new matter.

A one-month Extension of Time is being filed concurrently herewith to respond to the sequence listing request.

Respectfully submitted,

TUNG & ASSOCIATES

By: 

Randy W. Tung  
Reg. No. 31,311  
Telephone: (248) 540-4040

RWT\kd

# Odorant/Olfactory Receptor Sequence of *Canis familiaris*

(SWISS-PROT:P30955)

MTEKNQTVS EFVLLGLPID PDQRDLFYAL FLAMYVTITL GNLLIIVLIQ LDSLHTPMY  
LFLSNLSFSD LCFSSVTMPK LLQNMQSQVP SIPYAGCLTQ MYFFLFFGDL ESFLLVAMAY  
DRYVAICFPL HYTTIMSPKL CFSLLVLSWV LTMFHAVLHT LLMARLCFCA NTIPHFFCDM  
SALLKLACSD TQVNELVIFI MGGLILVIPF LLIITSYARI VSSILKVPSA IGICKVFSTC  
GSHLSVVSLE YGTVIGLYLC PSANNSTVKE TIMAMMYTVV TPMLNPFIYS LRNKDMKGAL  
RRVICRKKIT FSV

Amino acids: 330

Molecular weight: 35197 dalton

## SOURCE:

G protein Coupled Receptor DataBase (GPCRDB)  
(<http://receptor.Mgh.Harvard.Edu/GCRDBHOME.Html>)

Transmembrane of olfactory receptor protein of *Canis familiaris* (dog):



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